

Title (en)

ELECTRIC MOTOR WITH SWITCHOVER ELEMENTS IN THE MAGNETIC CIRCUIT

Title (de)

E-MOTOR MIT UMSCHALTELEMENTEN IM MAGNETKREIS

Title (fr)

MOTEUR ÉLECTRIQUE MUNI D'ÉLÉMENTS DE COMMUTATION DANS LE CIRCUIT MAGNÉTIQUE

Publication

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Application

**EP 18712500 A 20180228**

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Abstract (en)

[origin: WO2018177457A1] The invention relates to a rotor (1) of an electric machine (20) designed as an inner rotor with a rotational axis (D), which extends in an axial direction (A) and about which the rotor (1) can be rotated, an outer lateral surface (AM) which delimits the rotor (1), at least one pole assembly (2, 3, 4), and an adjusting mechanism (5) for the at least one pole assembly (2, 3, 4), said adjusting mechanism (5) being designed such that the distance (X) between the outer lateral surface (AM) of the rotor (1) and a centroid (W) of the at least one pole assembly (2, 3, 4) can be adjusted, whereby the at least one pole assembly (2, 3, 4) can be moved inwards towards the rotational axis (D) of the rotor (1) or outwards away from the rotational axis (D) of the rotor (1). The invention further relates to an electric machine (20) with a rotor (1) and a stator (21).

IPC 8 full level

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